(30)

09684.003254.

<u>PATENT</u>

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

The Patent of:	)	
TAKAO TAKIGUCHI ET AL.	:	Examiner: M. Yamnitzky
Appln. No.: 09/961,075	:	Group Art Unit: 1774
Filed: September 24, 2001	:	0
For: LUMINESCENCE DEVICE, DISPLAY APPARATUS AND METAL	: ) :	Certificate FEB 0 3 2005
COORDINATION COMPOUND	)	of Correction
U.S. Patent No.: 6,815,091 B2	)	
Issued: November 9, 2004	,	January 26, 2005

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

# CERTIFICATE OF CORRECTION UNDER RULES 322 AND 323

Sir:

It is respectfully requested that a Certificate of Correction be issued by the Patent and Trademark Office due to errors which appear in the printed patent as a result of Patent and Trademark Office mistakes, and mistakes of a clerical, typographical, or minor character, which were not the fault of the Patent and Trademark Office. A Certificate of Correction form, in duplicate, is enclosed.

01/28/2005 MGEBREM2 00000064 6815091

01 FC:1811

100.00 UP

Accompanying this letter is a check for \$100.00 to cover the statutory fee for such Certificate of Correction.

Patentees' undersigned attorney may be reached in our New York office by telephone at (212) 218-2100. All correspondence should continue to be directed to our address given below.

Respectfully submitted,

ason M. Okun

Attorney for Patentees Registration No. 48,512

FITZPATRICK, CELLA, HARPER & SCINTO 30 Rockefeller Plaza
New York, New York 10112-3801

Facsimile: (212) 218-2200

NY\_Main 477931v1

# UNITED STATES PATENT AND TRADEMARK OFFICE

# CERTIFICATE OF CORRECTION

PATENT NO.

US 6,815,091 B2

DATED

November 9, 2004

INVENTOR(S)

TAKAO TAKIGUCHI ET AL.

Page 1 of 6

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

#### ON THE TITLE PAGE [56] REFERENCES CITED:

Other Publications, "Peter I. Djurovich et al, "Ir(III) Cyclometalated
Complexes as Efficient Phosphoresc nt Emitters in Polymer Blend and
Organic LEDs," 41(1) Polymer Preprints. 770-771, Mar. 2000."
should read --Peter I. Djurovich et al, "Ir(III) Cyclometalated
Complexes as Efficient Phosphorescent Emitters in Polymer Blend and
Organic LEDs," 41(1) Polymer Preprints. 770-771, Mar. 2000.-- and
"Vladimir V. Grushin et al., "New, Efficient Electroluminescent
Materials Based on Organomettalic Ir Complexes," Chem. Commun.
1494-1495 (Jul. 23, 2001)." should read --Vladimir V. Grushin et al.,
"New, Efficient Electroluminescent Materials Based on Organometallic
Ir Complexes," Chem. Commun. 1494-1495 (Jul. 23, 2001).--.

#### ON THE TITLE PAGE [57] ABSTRACT:

Line 5, "is," should read --are,--.

#### COLUMN 7:

Line 59, "formulas" should read --formula--.

#### **COLUMN 8:**

Line 7, "represents" should read -- P(m) represents--.

#### **MAILING ADDRESS OF SENDER:**

FITZPATRICK, CELLA, HARPER & SCINTO 30 Rockefeller Plaza
New York, New York 10112-3801
(212) 218-2100 - Telephone
(212) 218-2200 - Facsimile

PATENT NO. <u>US 6,815,091 B2</u>

No. of add'l. copies @ 30¢ per page

4 FEB 2005



# UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO.

US 6,815,091 B2

DATED

November 9, 2004

INVENTOR(S) :

TAKAO TAKIGUCHI ET AL.

Page 2 of 6

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

#### COLUMN 11:

Line 32, "reducing" should read --reduce--.

#### COLUMN 13:

Table 4, No. (55), "(55) Ir 3 H H H H H Si( $CH_3$ )<sub>2</sub> $C_8H_{13}$  H H" should read --(55) Ir 3 H H H H Si( $CH_3$ )<sub>2</sub> $C_6H_{13}$  H H--; and Table 6,

	,									
"(112)	Ir	3	Н	Cl	CF <sub>3</sub>	Н	Н	Н	CF3	Н
(113)	Ir	3	Н	Cl	CF <sub>3</sub>	Н	Н	осн3	Н	Н
(114)	Rh	3	Н	Cl	CF <sub>3</sub>	Н	Н	Н	Н	Н
(115)	Rh	3	Н	. Cl	CF <sub>3</sub>	Н	Н	Н	CF3	Н
(116)	Rh	3	Н	Cl	CF <sub>3</sub>	Н	Н	CF3	Н	Н
(117)	Rh	3	Н	Cl	CF <sub>3</sub>	Н	Н	ОСН3	Н	Н
(118)	Rh	3	Н	Cl	CF <sub>3</sub>	Н	Н	$C_2H_5$	Н	Н
(119)	Pd	2	Н	Cl	CF <sub>3</sub>	Н	Н	Н	Н	Н
(120)	Pd	2	Н	Cl	CF <sub>3</sub>	Н	Н	Н	CF3	CF3"

should read

#### MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO 30 Rockefeller Plaza New York, New York 10112-3801 (212) 218-2100 - Telephone (212) 218-2200 - Facsimile PATENT NO. <u>US 6,815,091 B2</u>

No. of add'l. copies @ 30¢ per page

4 FEB 2005

Form PTO 1050 (Rev. 3-82)

NY\_Main 477931v1

# UNITED STATES PATENT AND TRADEMARK OFFICE

# **CERTIFICATE OF CORRECTION**

PATENT NO.

US 6,815,091 B2

DATED

November 9, 2004

INVENTOR(S) :

TAKAO TAKIGUCHI ET AL.

Page 3 of 6

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

(112)	Ir	3	Н	Cl	CF <sub>3</sub>	Н	Н	H	CF <sub>3</sub>	. <b>H</b>
(113)	Ir	3	Н	Cl	CF <sub>3</sub>	Н	Н	OCH <sub>3</sub>	Н	Н
(114)	Rh	3	Н	Cl	CF <sub>3</sub>	Н	Н	Н	Н	Н
(115)	Rh	3	Н	Cl	CF <sub>3</sub>	Н	Н	Н	CF <sub>3</sub>	Н
(116)	Rh	3	Н	Cl	CF <sub>3</sub>	Н	Н	CF <sub>3</sub>	Н	Н
(117)	Rh	3	Н	Cl	CF <sub>3</sub>	Н	Н	OCH <sub>3</sub>	Н	Н
(118)	Rh	3	Н	Cl	CF <sub>3</sub>	Н	Н	$C_2H_5$	Н	Н
(119)	Pd	2	Н	Cl	CF <sub>3</sub>	Н	Н	Н	Н	Н
(120)	Pd	2	Н	Cl	CF <sub>3</sub>	Н	Н	Н	CF <sub>3</sub>	CF <sub>3</sub>

#### COLUMN 17:

Table 8, No. (155), "(155) Ir 3 H H CF<sub>3</sub> F H OCH(CH)<sub>2</sub> H H" should read --(155) Ir 3 H H CF<sub>3</sub> F H OCH(CH<sub>3</sub>)<sub>2</sub> H H--.

#### COLUMN 19:

Line 39, "(2-200)" should read --(2-200))--.

#### **MAILING ADDRESS OF SENDER:**

FITZPATRICK, CELLA, HARPER & SCINTO 30 Rockefeller Plaza New York, New York 10112-3801 (212) 218-2100 - Telephone (212) 218-2200 - Facsimile PATENT NO. <u>US 6,815,091 B2</u>

No. of add'l. copies @ 30¢ per page

4 FEB 2005



## UNITED STATES PATENT AND TRADEMARK OFFICE

# **CERTIFICATE OF CORRECTION**

PATENT NO.

US 6,815,091 B2

DATED

November 9, 2004

INVENTOR(S) :

TAKAO TAKIGUCHI ET AL.

Page 4 of 6

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

#### <u>COLUMN 25</u>:

Line 53, "(I-74)" should read --(I-74))--; and Line 58, "were" should read --was--.

#### COLUMN 27:

Line 6, "I-49)" should read --(I-49))--; and Line 10, "were" should read --was--.

#### COLUMN 28:

Line 4, "spectrophotofluoro-meter" should read --spectrophotofluorometer--.

#### COLUMN 29:

Line 61, "130-140 $\sqrt{\text{C}}$ ." should read --130-140°C.--; and Line 63, "cooing" should read --cooling--.

#### COLUMN 31:

Line 2, "cooing" should read --cooling--; and Line 12, "100°°C." should read --100°C.--

#### COLUMN 32:

Line 19, "cooing" should read --cooling--.

#### MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO 30 Rockefeller Plaza
New York, New York 10112-3801
(212) 218-2100 - Telephone
(212) 218-2200 - Facsimile

PATENT NO. US 6,815,091 B2

No. of add'l. copies @ 30¢ per page

4 FEB 2005

<sup>005</sup> =>

# PRINTER'S TRIM LINE Here Only!

## UNITED STATES PATENT AND TRADEMARK OFFICE

# **CERTIFICATE OF CORRECTION**

PATENT NO.

US 6,815,091 B2

DATED

November 9, 2004

INVENTOR(S) :

TAKAO TAKIGUCHI ET AL.

Page 5 of 6

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

#### COLUMN 33:

Line 25, "cooing" should read --cooling--.

#### COLUMN 34:

Line 11, "16.6%)" should read --16.6%).--; and Line 38, "cooing" should read --cooling-- and "100°°C." should read --100°C.--.

#### COLUMN 35:

Line 56, "cooing" should read --cooling--.

#### COLUMN 38:

Line 25, "II-15 and II-17" should read --(II-15) and (II-17))--; and Line 52, "(II-15 and II-17))" should read --(II-15) and (II-17))--.

#### COLUMN 39:

Line 11, "spectrophotofluoro-meter" should read --spectrophotofluorometer--.

#### COLUMN 42:

Line 21, "cooing" should read --cooling--; and Line 53, "tetrahydronaphthalene-6-bronic" should read --tetrahydronaphthalene-6-boronic--.

#### MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO 30 Rockefeller Plaza New York, New York 10112-3801 (212) 218-2100 - Telephone (212) 218-2200 - Facsimile

PATENT NO. US 6,815,091 B2

No. of add'l. copies @ 30¢ per page

4 FEB 2005

Form PTO 1050 (Rev. 3-82)

NY\_Main 477931v1

# Staple Here Only! USE STAPE

## UNITED STATES PATENT AND TRADEMARK OFFICE

# **CERTIFICATE OF CORRECTION**

PATENT NO.

US 6,815,091 B2

DATED

November 9, 2004

INVENTOR(S) :

TAKAO TAKIGUCHI ET AL.

Page 6 of 6

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

#### COLUMN 43:

Line 32, "cooing" should read --cooling--.

#### COLUMN 46:

Line 18, "X<sub>6</sub>are" should read --X<sub>6</sub> are--.

### MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO 30 Rockefeller Plaza New York, New York 10112-3801 (212) 218-2100 - Telephone (212) 218-2200 - Facsimile PATENT NO. <u>US 6,815,091 B2</u>

No. of add'l. copies @ 30¢ per page

 $\Rightarrow$ 

Form PTO 1050 (Rev. 3-82) NY\_Main 477931v1

4 FEB 2005